

AMENDMENTS TO THE CLAIMS

1. (Currently amended) Method of determining and displaying powers of code channels of a CDMA signal, the powers of the individual code channels being determined and shown on an output device[[(20)]], characterised by the following method steps:

[[-]] determining the powers of the individual code channels respectively for an in-phase arm [[(7)]] and a quadrature phase arm [[(8)]],

[[-]] showing the powers of the code channels of the in-phase arm [[(7)]] and/or the powers of the code channels of the quadrature phase arm [[(8)]],

in the representation of the powers of the code channels of the in-phase arm [[(7)]], the powers of those code channels, which are inactive in the in-phase arm [[(7)]] but active in the quadrature phase arm [[(8)]], being shown distinguishably from the powers of the remaining code channels and/or

in the representation of the powers of the code channels of the quadrature phase arm [[(8)]], those code channels, which are inactive in the quadrature phase arm [[(8)]] but active in the in-phase arm [[(7)]], being shown distinguishably from the remaining code channels.

2. (Currently amended) Method according to claim 1,

characterised in that

those code channels, which are active both in the in-phase arm [[(7)]] and in the quadrature phase arm [[(8)]], are shown in the respective representation of the powers of the code channels of the in-phase arm [[(7)]] or respectively of the quadrature phase arm [[(8)]] distinguishably from the remaining code channels.

3. (Currently amended) Method according to claim 1 or 2,

characterised in that

in the representation of the powers of the code channels of the in-phase arm ~~[(7)]~~ or respectively of the quadrature phase arm ~~[(8)]~~, for graphic differentiation, the powers of the code channels which are active only in the in-phase arm ~~[(7)]~~ or respectively only in the quadrature phase arm ~~[(8)]~~, of the code channels which are inactive in the in-phase arm ~~[(7)]~~ or respectively in the quadrature phase arm ~~[(8)]~~ but active in the quadrature phase arm ~~[(8)]~~ or respectively in-phase arm ~~[(7)]~~ and/or of the code channels which are active in both arms ~~[(7, 8)]~~ are shown respectively distinguishably by colour or graphically.

4. (Currently amended) Method according to ~~one of the claims 1 to 3~~ claim 1, characterised in that

the representation of the powers of the code channels of the in-phase arm ~~[(7)]~~ and/or of the quadrature phase arm ~~[(8)]~~ is effected in respectively one diagram ~~(23, 24)~~.

5. (Currently amended) Method according to ~~one of the claims 1 to 3~~ claim 1, characterised in that

the representation of the powers of the code channels of the in-phase arm ~~[(7)]~~ and/or of the quadrature phase arm ~~[(8)]~~ is effected together in one diagram.

6. (Currently amended) Analysis device ~~[(1)]~~ for analysing a CDMA signal, having a receiver device ~~[(3-6)]~~ for receiving the CMDA signal, a modulator ~~(9-12)~~ for demodulating the received signal of a power measuring device ~~(18, 18Q)~~ for measuring the power of individual code channels and an output device ~~[(20)]~~ for displaying the powers measured in the individual code channels,

characterised in that,

by means of the power measuring device ~~[(18)]~~, the powers of the code channels for the in-phase arm ~~[(7)]~~ and for the quadrature phase arm ~~[(8)]~~ are measurable separately from each

other and in that, by means of the output device [(20)], the powers of the code channels of the in-phase arm [(7)] and/or of the quadrature phase arm [(8)] are able to be shown,

wherein, by means of the output device [(20)], in the representation of the powers of the code channels of the in-phase arm [(7)], those code channels, which are inactive in the in-phase arm [(8)] but active in the quadrature phase arm [(8)], are able to be shown distinguishably from the remaining code channels, and/or

wherein, by means of the output device [(20)], in the representation of the powers of the code channels of the quadrature phase arm [(8)], those code channels, which are inactive in the quadrature phase arm [(8)] but active in the in-phase arm [(7)], are able to be shown distinguishably from the remaining code channels.